

## ProteOrange® Protein Quantification Reagent, 500x

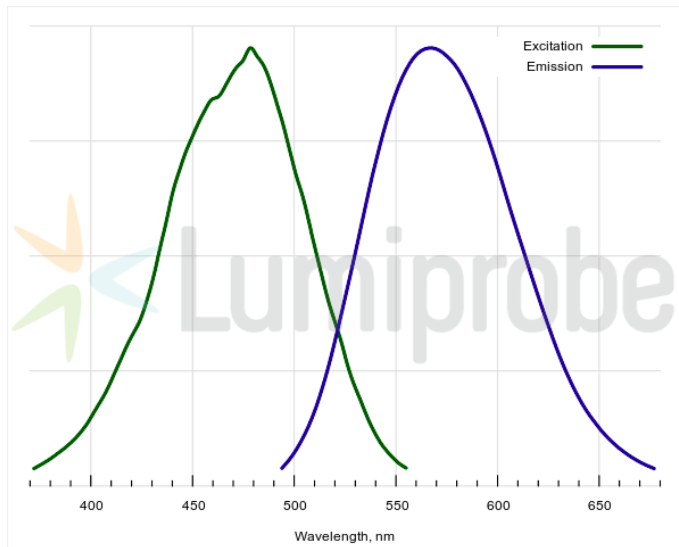
<http://cn.lumiprobe.com/p/orange-protein-quantitation-reagent-500x>

ProteOrange® is a fluorescent protein-sensitive dye that exhibits almost no fluorescence in the free form but fluoresces upon binding to proteins. The excitation maximum of ProteOrange in the complex with protein is at ~485 nm, the emission maximum — at ~590 nm.

The unique structure of the ProteOrange reagent allows accurate detection of proteins in solutions with concentrations between 10 ng/mL and 10 µg/mL. This level of sensitivity is considerably better than that achieved with the BCA method, Bradford assay, Lowry assay, or absorption measurements at 280 nm. The dye shows minimal variability for different proteins.

The ProteOrange dye has a low tolerance to non-ionic detergents. It is not recommended for cell lysates containing Triton X-100 and sodium deoxycholate, but it can tolerate up to 0.01% SDS (in final concentration).

This reagent is a 500x concentrate of ProteOrange dye. This product is a component of [ProteOrange Protein Quantification Kit](#).



外观:  
储存条件:  
法律声明: 本产品仅供研究目的提供和销售。 本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试, 且未经明示或暗示授权用于其他任何用途, 包括但不限于体外诊断、人类或动物用途, 以及商业用途。

激发/发射极大值, 纳米:  
470  
570